

## **Utility Service Water Trivia**

- 1. How much water does it take to process a quarter pound of hamburger?  
Approximately one gallon**
- 2. How much water does it take to make four new tires? 2,072 gallons**
- 3. What is the total amount of water used to manufacture a new car including tires? 39,090 gallons per car**
- 4. What are the three forms that water occurs in? Liquid, solid (frozen) and gaseous**
- 5. Water is the only substance found on earth naturally in the three forms. True**
- 6. Does water regulate the earth's temperature? Yes, it is a natural insulator.**
- 7. How long can a person live without food? More than a month How long can a person live without water? Approximately one week depending upon conditions**
- 8. How much water must a person consume per day to maintain health? 2 1/2 quarts from all sources, i.e., water, food, etc.**
- 9. How much water does a birch tree give off per day in evaporation? 70 gallons**
- 10. How much water does an acre of corn give off per day in evaporation? 4,000 gallons**
- 11. How many miles of pipeline and aqueducts are in the U.S. and Canada?  
Approximately one million miles or enough to circle the earth 40 times.**
- 12. What were the first water pipes made from in the U.S.? Fire charred or bored logs**
- 13. How much water is used to flush a toilet? 5-7 gallons**
- 14. How much water is used in the average shower? 25-50 gallons**
- 15. How much water is used to brush your teeth? 2 gallons**
- 16. How much water is used on the average for an automatic dishwasher? 2 gallons**
- 17. How much water is used on the average to hand wash dishes? 20 gallons**
- 18. How many community public water supply systems are there in the United**

**States? 58,900**

**19. How much water do these utilities produce daily? 34 billion gallons**

**20. Drinking water is a manufactured product. True**

**21. How much water does the average residence use during a year? 107,000 gallons**

**22. How much does an individual person use daily? 168 gallons**

**23. What does a person pay for drinking water on a daily basis? National average is 27 cents**

**24. How much of the earth's surface is water? 80%**

**25. Of all the earth's water, how much is ocean or seas? 97%**

**26. How much of the world's water is frozen and therefore unusable? 2 %**

**27. How much of the earth's water is suitable for drinking water? 1 %**

**28. Is it possible for me to drink water that was part of the Dinosaur era? Yes**

**29. If all community water systems had to be replaced, what would it cost? In excess of \$175 billion**

**30. What does it cost to operate the water systems throughout the country annually? Over \$ 3.5 billion**

**31. How much does one (1) gallon of water weigh? 8.34 pounds**

**32. How many gallons of water would it take to cover one cubic mile of water? 1.1 trillion gallons**

**33. How much water is in one cubic foot? 7.48 gallons**

**34. How many gallons of water do you get in one inch of rain per square mile? 17.4 million gallons-Or almost the equivalent of all consumptive use of water in Washington D.C. for one day**

**35. At what temperature does water freeze? 32 degrees F, 0 degrees Celsius**

**36. At what temperature does water vaporize? 212 degrees F, 100 degrees Celsius**

**37. What is the most common substance found on earth? Water**

38. How much of the human body is water? 66%
39. How much of a chicken is water? 75%
40. How much of a pineapple is water? 80%
41. How much of a tomato is water? 95 %
42. How much of an elephant is water? 70%
43. How much of an ear of corn is water? 80%
44. How much of an earthworm is water? 80%
45. How much water does it take to process a pound of meat? 3.6 gallons
46. How much water does it take to process 1 chicken? 11.6 gallons
47. How much water does it take to process one can of fruit or vegetables? 9.3 gallons
48. How much water does it take to process one ton of cane sugar to make processed sugar? 28,100 gallons
49. How much water does it take to process one ton of beet sugar to make processed sugar? 33,100 gallons
50. How much water does it take to process one barrel of beer? 1,500 gallons
52. How much water does it take to make one board foot of lumber? 5.4 gallons
53. How much water does it take to make one pound of plastic? 24 gallons
54. How much water does it take to make one pound of synthetic rubber? 55 gallons
55. How much water does it take to make a pound of wool or cotton? 101 gallons
56. How much water does it take to make one gallon of paint? 13 gallons
57. How much water does it take to refine one barrel of crude oil? 1,851 gallons
58. How much water does it take to make one car or truck tire or inner tube? 518 gallons

- 59. How much water does it take to make one ton of cement? 1,360 gallons**
- 60. How much water does it take to produce one ton of steel? 62,600 gallons**
- 61. How much water does it take to produce one automobile? 36,500 gallons**